

FIG. 1

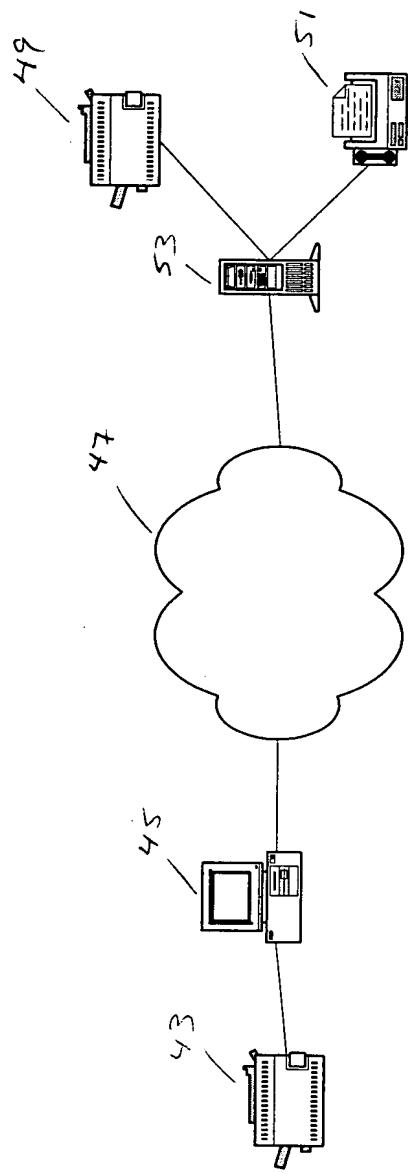


FIG. 2

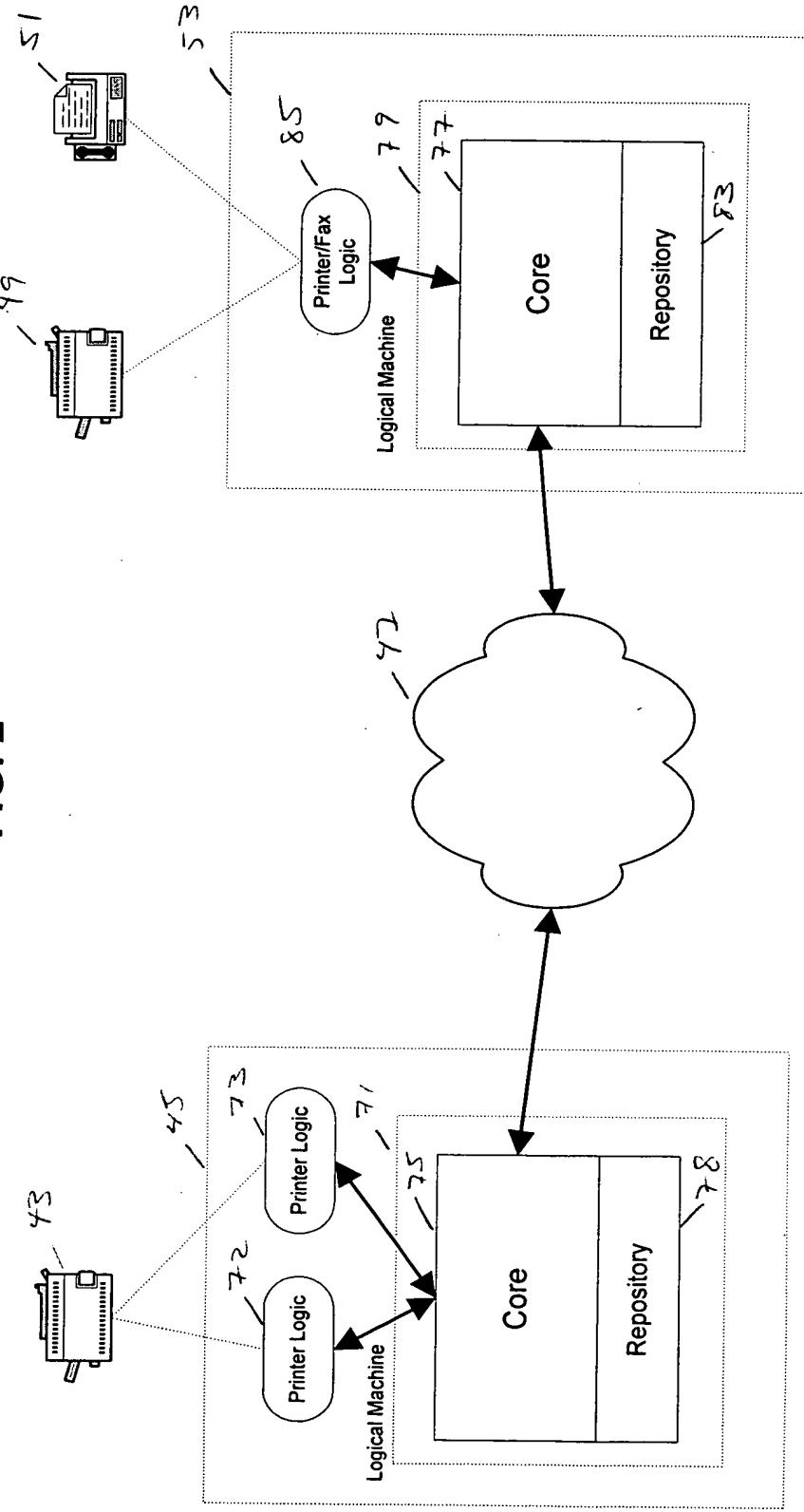
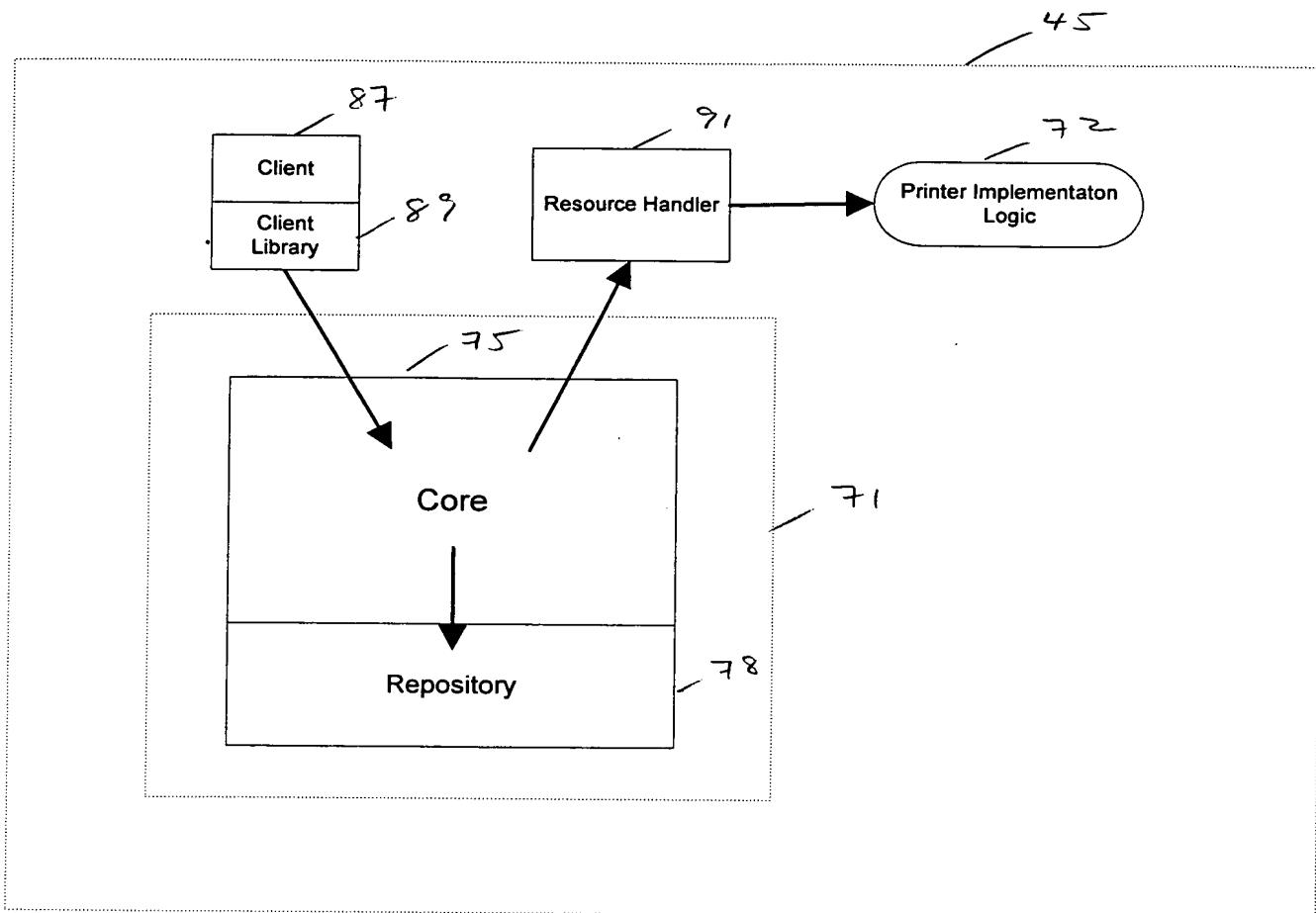


FIG. 3A



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FIG. 3B

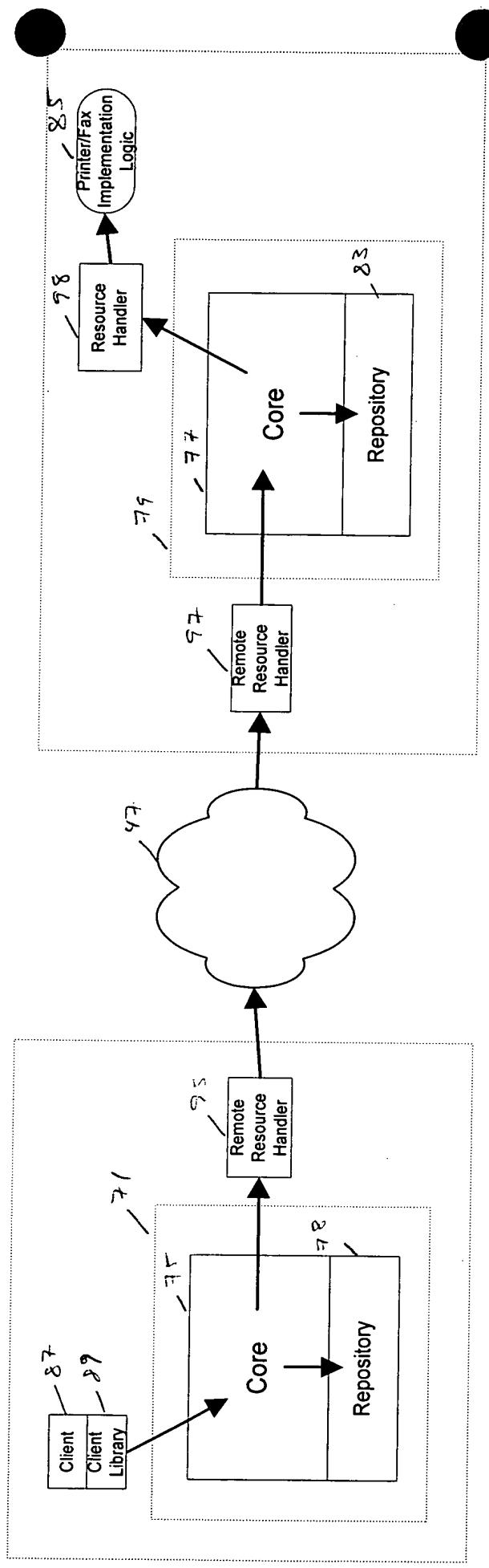
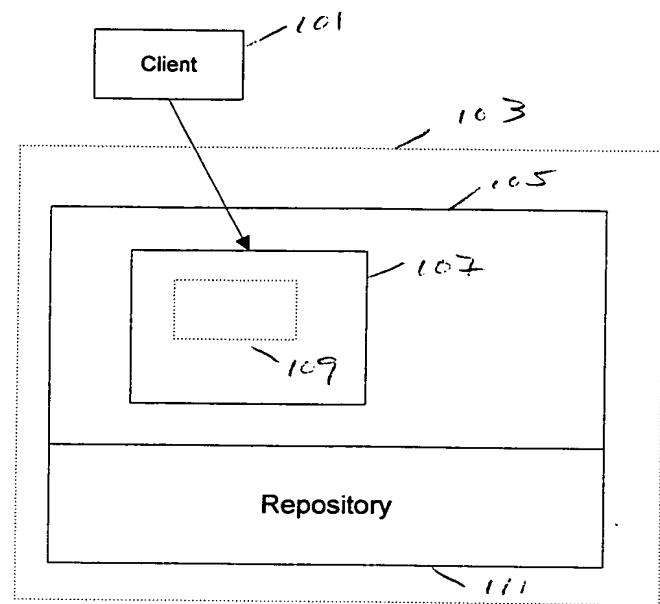


FIG. 4



00000000000000000000000000000000

FIG. 5

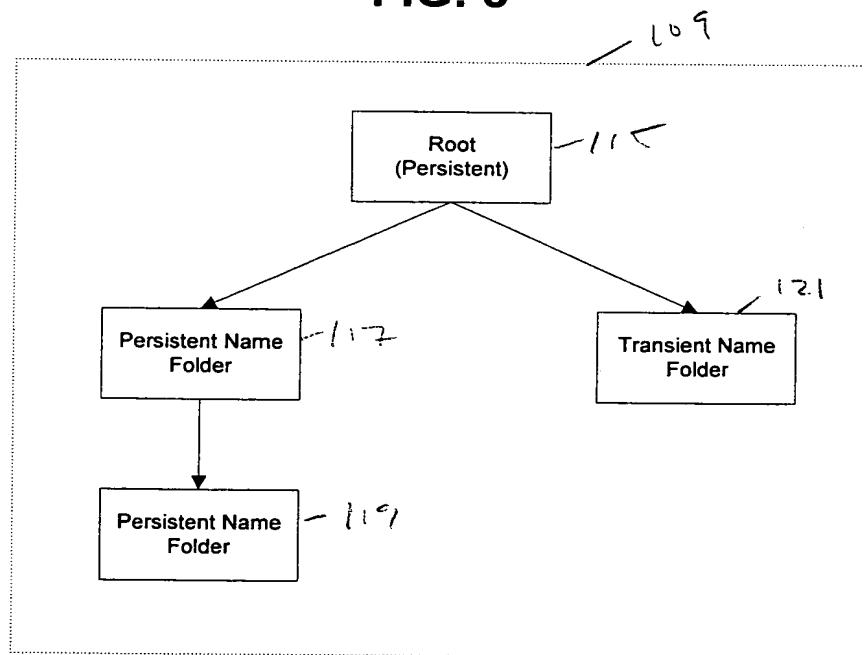


FIG. 6

Client-Specific Resource Name	Core-Specific Resource Name
⋮	⋮

FIG. 7

149

```
While (not done())
{
    begin scope;           153
    create resource 1;
    find resource 2;
    use resource 2;
    end scope;            151
}
155
```

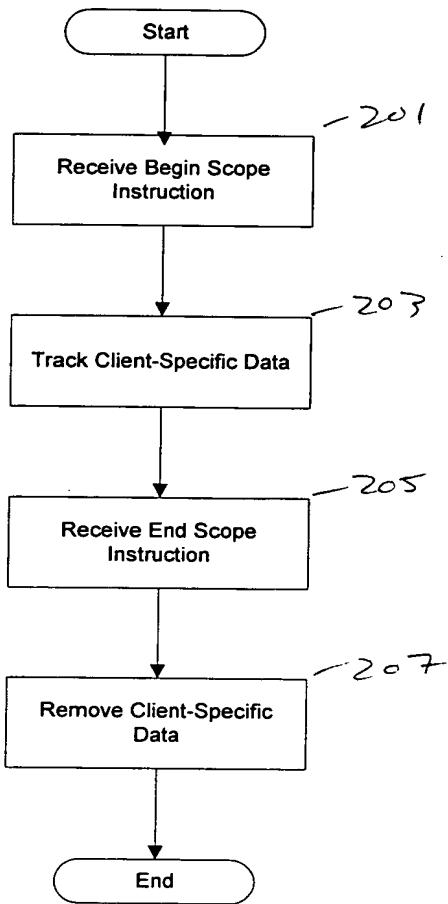
00000000000000000000000000000000

FIG. 8

175

```
While (not done())
{
    begin first scope;    177
    create resource 1;
    begin second scope;   179
    create resource 3;
    find resource 4;      184
    save resource 4 as "printer" in
    persistent-folder;    181
    end second scope;
    find resource 2;      185
    use resource 2;
    end first scope;     187
}
```

FIG. 9A



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FIG. 9B

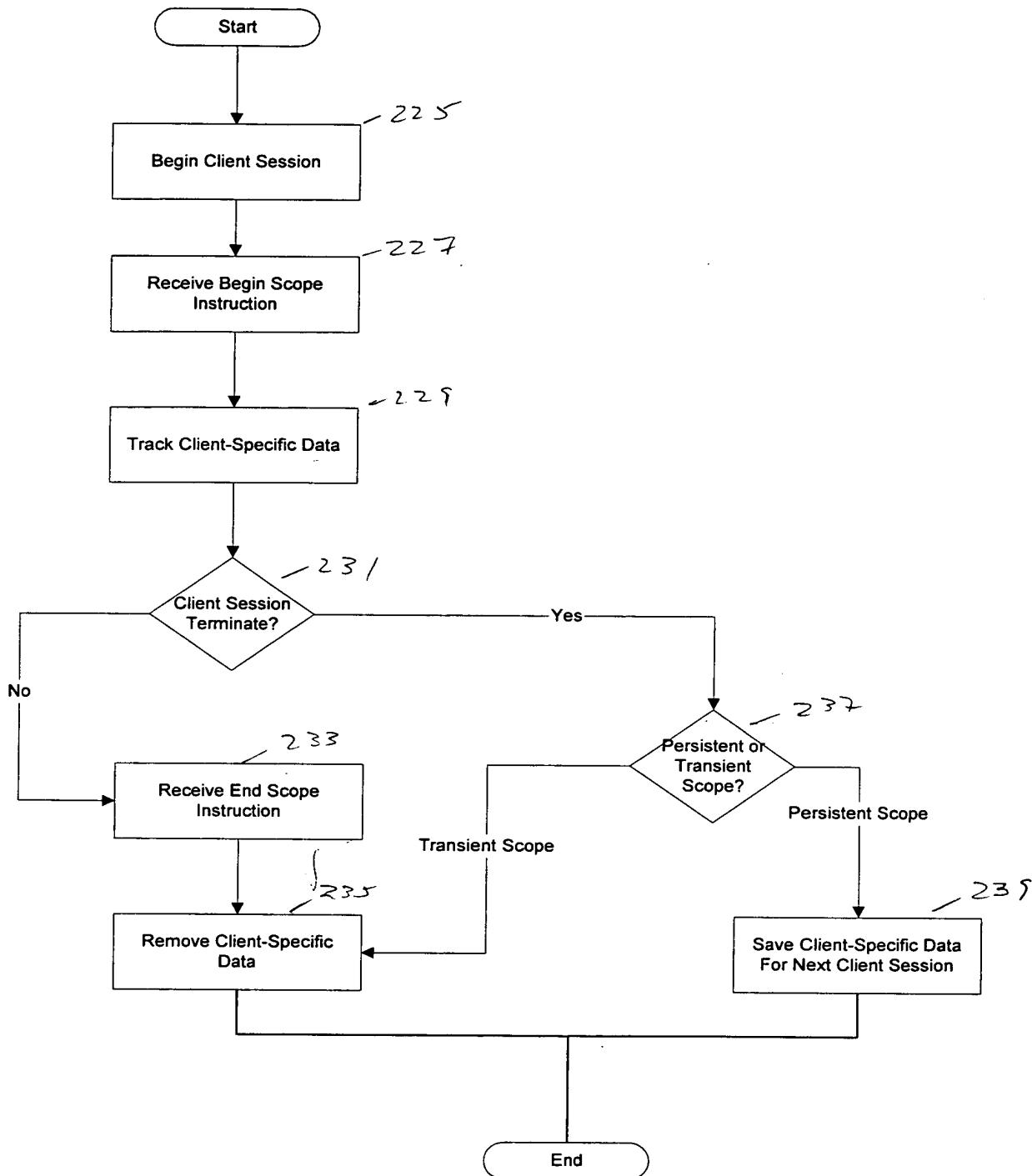
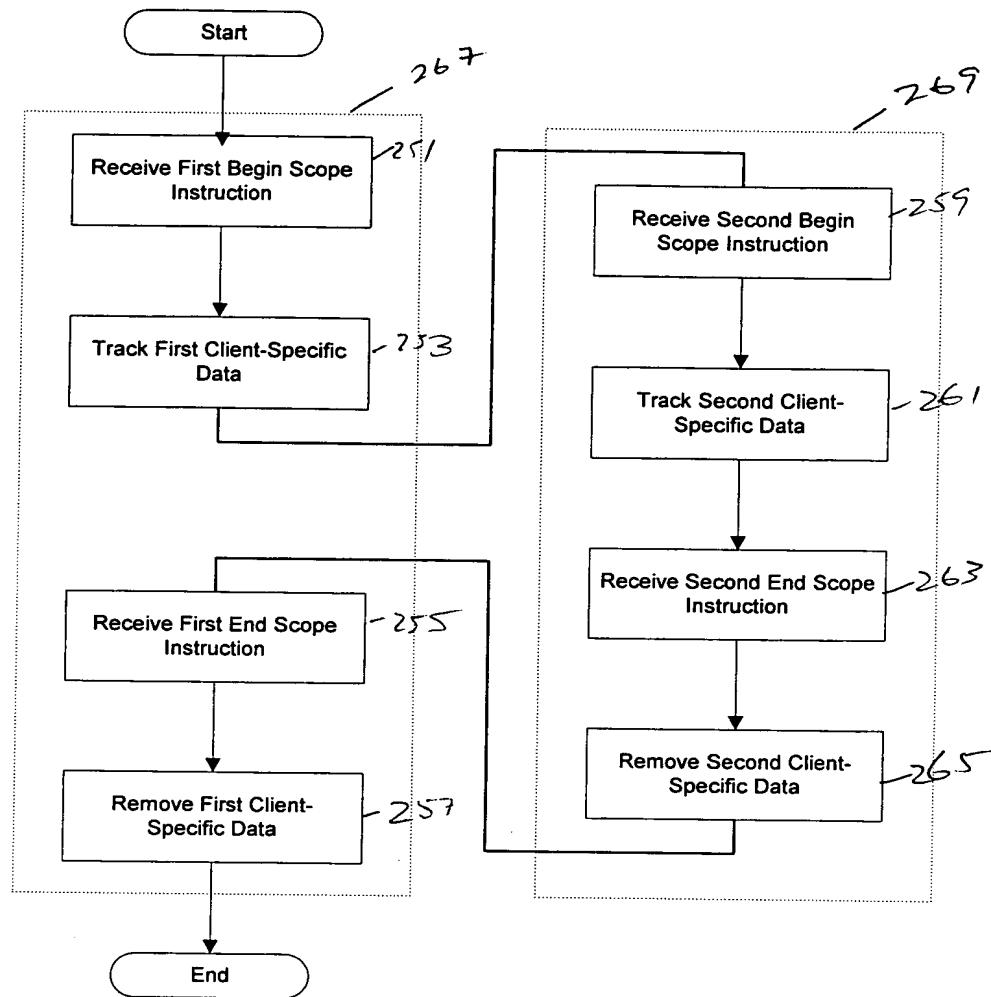


FIG. 9C



0002000000000000

FIG. 10

Scope Data Structure

275

